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IN THE CLAIMS

Please amend the claims as follows:

- 1. (Original) A receiver comprising:
 - a detector to acquire a wireless signal;
 - an automatic gain control to provide gain for the acquired wireless signal; and
- a control unit having programmable acquisition, hold, and release parameters to manage

the acquisition and gain of the wireless signal based on a transmission protocol.

2. (Original) The receiver of claim 1, wherein the control unit is programmed with a

plurality of sets of acquisition, hold, and release parameters, each set related to a different

transmission protocol.

3. (Original) The receiver of claim 1, wherein the control unit is programmed with a

plurality of sets of acquisition, hold, and release parameters, each set related to a different

transmitting unit.

4. (Original) The receiver of claim 1, wherein the wireless signal is a signal using an

electrostatic field.

5. (Original) The receiver of claim 1, wherein the wireless signal is a signal using an

magnetic field.

6. (Original) The receiver of claim 1, wherein the wireless signal is a signal using an

electromagnetic field.

7. (Original) The receiver of claim 1, wherein the wireless signal is an RF signal.

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(Original) The receiver of claim 1, wherein the control unit is adapted to regulate the 8. automatic gain control to adjust a gain to a minimal level for detection of a wireless signal for a predetermined amount of time according to the transmission protocol.

- (Original) The receiver of claim 1, wherein the control unit is adapted to issue a hold 9. command to the automatic gain control to maintain sensitivity for a next wireless transmission in a communication session defined by a transmission protocol that provides control and transmission information.
- 10. (Currently Amended) The receiver of claim 1 9, wherein the hold command to the automatic gain control includes a length of time to maintain the sensitivity.
- (Currently Amended) The receiver of claim 1, wherein the control unit is adapted to 11. issue a hold command to the automatic gain control for a predetermined gain level to minimize the acquisition time for a wireless signal for a new communication session.
- (Original) The receiver of claim 1, wherein the control unit is adapted to regulate the 12. automatic gain control to increase a sensitivity when a communication session is ended.
- (Original) The receiver of claim 1, wherein the control unit is adapted to regulate the 13. automatic gain control to increase sensitivity when a wireless signal is not present during a period in a communication session in which the transmission protocol indicates a wireless transmission is scheduled.
- 14. (Original) A system comprising:
 - a receiver to receive wireless data signals; and
 - a processor responsive to the wireless data signals, wherein the receiver includes:
 - a detector to acquire a wireless signal;
 - an automatic gain control to provide gain for the acquired wireless signal; and

a control unit having programmable acquisition, hold, and release parameters to manage the acquisition and gain of the wireless signal based on a transmission protocol.

- 15. (Original) The system of claim 14, wherein the control unit is programmed with a plurality of sets of acquisition, hold, and release parameters, each set related to a different transmission protocol.
- 16. (Original) The system of claim 14, wherein the control unit is programmed with a plurality of sets of acquisition, hold, and release parameters, each set related to a different transmitting unit.
- 17. (Original) The receiver of claim 14, wherein the wireless signal is a signal using an electrostatic field.
- 18. (Original) The receiver of claim 14, wherein the wireless signal is a signal using an magnetic field.
- 19. (Original) The receiver of claim 14, wherein the wireless signal is a signal using an electromagnetic field.
- 20. (Original) The system of claim 14, wherein the wireless signal is an RF signal.
- 21. (Original) The system of claim 14, wherein the control unit regulates the automatic gain control to adjust a gain to a minimal level for detection of an wireless signal for a predetermined amount of time according the protocol.
- 22. (Original) The system of claim 14, wherein the control unit is adapted to issue a hold command to the automatic gain control to maintain sensitivity for a next wireless transmission in a communication session defined by a transmission protocol that provides control and transmission information.

AMENDMENT AND RESPONSE UNDER 37 CFR § 1.111

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23. (Original) The system of claim 14, wherein the control unit is adapted to issue a hold

command for a predetermined gain level to minimize the acquisition time for a wireless signal in

a next communication session.

24. (Original) The system of claim 14, wherein the control unit is adapted to increase a

sensitivity when a communication session is ended.

25. (Original) The system of claim 14, wherein the control unit is adapted to increase a

sensitivity when a wireless signal is not present at a time in communication session in which the

transmission protocol indicates a scheduled wireless transmission.

26. (Original) The system of claim 14, wherein the control unit regulates the automatic gain

control to adjust a gain to a minimal level to detect a wireless signal for a predetermined amount

of time according to the transmission protocol to minimize unnecessary and unwanted

amplification of electromagnetic interference during a data off portion of the wireless modulated

transmission.

27. (Original) The system of claim 14, wherein the system is a hearing aid.

28. (Original) The system of claim 14, wherein the system further includes a transmitting

subsystem.

29. (Currently Amended) The system of claim 27 28, wherein the transmitting subsystem is

in a first hearing aid and the receiver is in a second hearing aid.

30. (Currently Amended) The system of claim 27 28, wherein the [[a]] transmitting

subsystem is in a first hearing aid programming unit, and the receiver is in a hearing aid.

31. (Currently Amended) A method comprising:

detecting wireless energy;

determining whether the detected wireless energy corresponds to wireless signals in a communication session;

determining a transmission protocol to operate an automatic gain control for the communication session; and

managing the automatic gain control to regulate gain by according to the determined transmission protocol.

- (Original) The method of claim 31, wherein determining a transmission protocol 32. includes determining periods of time for gain levels associated with the communication session.
- 33. (Original) The method of claim 31, wherein detecting wireless energy includes detecting energy of an electrostatic field.
- (Original) The method of claim 31, wherein detecting wireless energy includes detecting 34. energy of a magnetic field.
- (Original) The method of claim 31, wherein detecting wireless energy includes detecting 35. energy of an electromagnetic field.
- (Original) The method of claim 31, wherein detecting wireless energy includes detecting 36. RF energy.
- (Original) The method of claim 31, wherein managing the regulation of gain by the 37. automatic gain control includes sending control signals to the automatic gain control to adjust a gain to a minimal level for detection of a wireless signal for a predetermined amount of time according the protocol.
- (Original) The method of claim 31, wherein managing the regulation of gain by the 38. automatic gain control includes sending a hold command to the automatic gain control to

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maintain sensitivity for a next wireless transmission in a communication session defined by a transmission protocol that uses intermittent information transmittal.

- 39. (Original) The method of claim 31, wherein managing the regulation of gain by the automatic gain control includes sending a hold command for a predetermined gain level to minimize the acquisition time for a wireless signal in a next communication session.
- 40. (Original) The method of claim 31, wherein managing the regulation of gain by the automatic gain control includes sending control signals to the automatic gain control to increase a sensitivity when a communication session is ended.
- 41. (Original) The method of claim 31, wherein managing the regulation of gain by the automatic gain control includes sending control signals to the automatic gain control to increase a sensitivity when a wireless signal is not present at a time in communication session in which the transmission protocol indicates a scheduled wireless transmission.
- 42. (Original) The method of claim 31, wherein the method further includes performing the method in a hearing aid.
- 43. (Original) The method of claim 31, further including transmitting a wireless signal.
- 44. (Original) The method of claim 31, wherein the method further includes transmitting a wireless signal from a hearing aid for a communication session with another hearing aid that receives the wireless signal.
- 45. (Original) The method of claim 31, wherein the method further includes transmitting a wireless signal from a hearing aid programming unit for a communication session with a hearing aid that receives the wireless signal.